

SEQUENCE LISTING

<110> Weintraub, Bruce D. Szkudlinski, Mariusz

<120> MUTANTS OF THYROID STIMULATING HORMONE
AND METHODS BASED THEREON

<130> UOFMD.002C1

<140> PCT US98/19772

<141> 1998-09-22

<150> 60/135,505

<151> 1998-09-17

<150> 08/939,472

<151> 1997-09-22

<160> 4

<170> FastSEQ for Windows Version 4.0

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<211> 91

<212> PRT

<213> Homo sapiens

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Val Gln Lys Asn Val Ser Glu Ser Thr Cys Cys Val Ala Lys Ser Tyr

Asn Arg Val Thr Val Met Gly Gly Phe Lys Val Glu Asn His Thr Ala 65 70 75 80

Cys His Cys Ser Thr Cys Tyr Tyr His Lys Ser

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<212> PRT

<213> Homo sapien

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Ala Tyr Cys Leu Thr Ile Asn Thr Thr Ile Cys Ala Gly Tyr Cys Met 20 25 30

Thr Arg Asp Ile Asn Gly Lys Leu Phe Leu Pro Lys Tyr Ala Leu Ser 35 40 45

Gln Asp Val Cys Thr Tyr Arg Asp Phe Ile Tyr Arg Thr Val Glu Ile

50 Pro Gly Cys	: Pro Leu	55 His Val	Ala Pro	Tyr Phe	60 Ser Tyr	Pro Val	Ala
65 Leu Ser Cys		70		75 Thr Asp		Asp Cys	80
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acc cgc gto Thr Arg Val							
aac tac cgc Asn Tyr Arc 60	Asp Val						
cgc ggc gtc Arg Gly Val 75							
tgt gca cto Cys Ala Leu 90							
cac ccc tto His Pro Leu							Ser
aag gcc cct Lys Ala Pro							

tcaatccgc

